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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/923,102	08/04/2001	Lawrence Jacobs	OR01-00501	9453

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EXAMINER

NGUYEN, DUSTIN

ART UNIT PAPER NUMBER

2154

DATE MAILED: 10/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	09/923,102		JACOBS ET AL.	
	<b>Examiner</b>		<b>Art Unit</b>	
	Dustin Nguyen		2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 11 August 2005.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1,3,4,6,11-15,17,21,22 and 27-32 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3,4,6,11-15,17,21,22 and 27-32 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

### **DETAILED ACTION**

1. Claims 1, 3-4, 6, 11-15, 17, 21-22 and 27-32 are presented for examination.

#### ***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 08/11/2005 has been entered.

#### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1, 3-4, 6, 11-15, 17, 21-22 and 27-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shachor [ US Patent No 6,947,992 ], in view of Boyle [ US Patent No 5,864,854 ].

5. As per claim 1, Shachor discloses the invention substantially as claimed including a method of operating a cache system to serve one set of cached data in response to multiple different data requests, comprising:

receiving a first request for a first set of data [ i.e. receiving a HTTP request ] [ col 3, lines 25-30 ], said first request comprising a first session identifier configured to identify a first client session [ col 1, lines 33-49 ], wherein said first set of data is identifiable by a data identifier [ i.e. the identifying data ] [ col 3, lines 31-36 ];

serving said first set of data from the cache system in response to said first request [ i.e. sending identifying data generated responsive to the first communication session to the client for storage ] [ col 3, lines 16-19 ];

receiving a second request for said first set of data [ i.e. receiving a request for conduct of second session ] [ col 3, lines 19-22 ], said second request comprising a second session identifier different from said first session identifier [ i.e. each session is independent of any previous session ] [ col 1, lines 28-33 ], wherein each request comprise said data identifier [ Abstract; and col 3, lines 19-22 and lines 31-36 ];

caching said first set of data [ col 2, lines 28-37 ];

associating a portion of said first request with said cached first set of data [ i.e. session ID ] [ col 6, lines 57-67 ];

serving said first set of data from the cache system in response to said second request [ 92, Figure 2; and col 8, lines 5-8 ], wherein said serving said first set of data in response to said second request comprises:

searching the cache system for a set of data responsive to said second request [ i.e. search cache ] [ 80, Figure 4; and col 7, lines 53-55 ], wherein said searching comprises comparing said associated portion of said first request to said second request [ Figure 4; and col 7, lines 47-col 8, lines 7 ], and wherein said searching involves replacing one or more said first session identifier and said second session identifier with a default session identifier, and matching said first set of data with said second request [ i.e. compare the version-validity counter value of the first and second request ] [ Abstract; and col 3, lines 44-62 ].

Shachor does not specifically disclose

wherein said first session identifier identifies a first client to an application and wherein said second session identifier identifies a second client to the application.

Boyle discloses

wherein said first session identifier identifies a first client to an application and wherein said second session identifier identifies a second client to the application [ 52, Figure 2; and col 4, lines 7-17 and lines 24-32 ].

It would have been obvious to a person skill in the art at the time the invention was made to combine the teaching of Shachor and Boyle because Boyle's teaching would allow to provide information to user in an organized manner.

6. As per claim 3, Shachor teaches a method wherein a data identifier is a URI (Uniform Resource Locator) [ col 9, lines 64-67 ].

7. As per claim 4, Shachor discloses wherein said first session identifier is combined with said data identifier in said first request; and wherein said second session identifier is combined with said data identifier in said second request [ col 1, lines 37-46; and col 6, lines 57-67 ].

8. As per claim 6, Shachor discloses wherein said portion comprises a combination of said data identifier and said first session identifier [ col 7, lines 31-47 ].

9. As per claim 11, Shachor discloses wherein said associating comprises replacing said first session identifier with a default session identifier [ col 9, lines 7-10 ].

10. As per claim 12, Shachor discloses prior to said serving said first set of data in response to said second request: inserting said second session identifier into one or more data identifiers within said first set of data [ col 1, lines 37-46 ].

11. As per claim 13, Shachor discloses wherein said inserting comprises replacing said first session identifier in first data identifier with a said second session identifier [ i.e. rewrite URL ] [ col 6, lines 63-col 7, lines 6 ].

12. As per claim 14, it is rejected for similar reasons as stated above in claim 1.

13. As per claim 15, it is rejected for similar reasons as stated above in claim 4.

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14. As per claim 17, it is rejected for similar reasons as stated above in claim 1.

15. As per claim 21, it is rejected for similar reasons as stated above in claims 4 and 6.

Furthermore, Shachor discloses extracting said second session identifier from said second request [ 88, Figure 4; and col 7, lines 64-col 8, lines 7 ].

16. As per claim 22, it is rejected for similar reasons as stated above in claim 13.

17. As per claim 27, it is rejected for similar reasons as stated above in claim 1.

18. As per claim 28, it is rejected for similar reasons as stated above in claims 21 and 22.

19. As per claim 29, it is rejected for similar reasons as stated above in claims 12 and 13.

20. As per claim 30, Shachor discloses a second cache memory configured to store a first portion of said first data request [ col 7, lines 51-55 ], wherein said portion may be compared to a second portion of said second data request to determine if said first data item is responsive to said second data request [ Figure 4; and col 7, lines 47-col 8, lines 7 ]; wherein said first session identifier and second session identifier are ignored during said comparison [ i.e. compare version-validity value ] [ 90, Figure 5; and col 7, lines 1-7 ].

21. As per claim 31, it is rejected for similar reasons as stated above in claim 1.

22. As per claim 32, Shachor discloses update means configured to update one or more data identifiers in said requested set of data to include said session identifier [ col 3, lines 44-62 ].

23. Applicant's arguments with respect to claims 1, 3-4, 6, 11-15, 17, 21-22 and 27-32 have been considered but are moot in view of the new ground(s) of rejection.

24. A shortened statutory period for response to this action is set to expire **3 (three) months and 0 (zero) days** from the mail date of this letter. Failure to respond within the period for response will result in **ABANDONMENT** of the application (see 35 U.S.C 133, M.P.E.P 710.02, 710.02(b)).

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas Martin whose telephone number is (571) 272-3971.

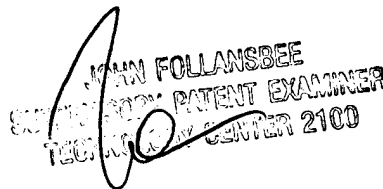
The examiner can normally be reached on Monday - Friday 8:30 a.m. - 5:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3970.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
JOHN FOLLANSBEE  
SENIOR PATENT EXAMINER  
TECHNOLOGY CENTER 2100